Original/Duplicate/Triplicate

No. st & FINAL BILL

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division DD

Sub-Division

Bill Received No. ..... Dated .....

Cash Book Voucher No. ..... Dated .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **IMPROVEMENT TO ROADS AND DRAINS AT 1ST, 2ND & 3RD CROSS MANJUNATHA NAGARA IN WARD NO. 14, BAGALAGUNTE**

Name of Contractor and Full Address **TECHNICAL MANGER (WEST), KRIDL**

Reference to Agreement No. **EE/DD/WO/ 84 / 2017-18** Date: **20.11.2017**

Certified that the measurements were taken by me on 19/3/2018 and recorded in pages 6080 1 to 6080 7 of measurements Book No 609/2017-18 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 19/3/18 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

If Memorandum of Payment **JOB NO : 014-18-000044**

			AMOUNT 29/3/18
1.	Total value of work done or supplies made as per account.		--
2.	Deduct amount to be held in reserve being ..... percent Rs.		--
3.	- do - Balance		--
4.	Deduct Payments :		
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.		
	Amount adjusted towards cash advance recovery of		
	b) Payments cost store or other materials supplied.		
5.	Balance being unpaid value of work done held in reserve	Total --	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments		
7.	Net amount due to or from contractor		
	Unadjusted items		
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.		
		Total amount adjusted --	

Contractor Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

(For use in the Office)

Received Rs. ..... (in words)

Audited and admitted for Rs. .....

..... by cash and by adjustment of

Payment as per memorandum Rs. .....

(In final settlement of all demand)

Witness :

1. .....

2. .....

by adjustment for Rs. .....

Date

Paid by me by cheque No. ..... Dated .....

Cash Rs. ..... Dated .....

Stamp

Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Accounts Superintendent

B B M P Dasarahalli Division

Executive Engineer

Initials of Officer making payment dated .....

Executive Engineer

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	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Excavation for road, drains and similar works KSRRB 300-1 : Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum			1340.30	86.92	116499.00	1340.30	116499.00	
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications	Cum			13.39 13.38	5159.02	69079.00 69026	13.39 13.38	69079.00 69026	
3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per	Sqm			376.00	310.58	116778.00	376.00	116778.00	
4	Design mix M 20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008 i) upto 5m heigh	Cum			27.73	6965.26	193147.00	27.73	193147.00	
5	Supplying, fitting and placing un-coated TMT bar Reinforcement in foundation as per Drawing ant Technical Specifications complete as per specifications. MORTH Specification No 1600 TMT bars Fe 500	Tonne			2.56	66482.14	170194.00	2.56	170194.00	
6	Supplying and fixing Precast rainforced concee slab 10cm tick including cost of reinforecment as per drawing and technal machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance chargrs labour charges inclusive of cost of all materials	Sqm			70.50	1698.00	119709.00	70.50	119709.00	
7	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. for coarse graded granular sub-base material as per 400-2. For Grading I Material.	Cum			417.00	1518.98	633415.00	417.00	633415.00	
8	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification	Cum			834.00	1768.08	1474579.00	834.00	1474579.00	
9	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications	Sqm			4170.00	27.56	114925.00	4170.00	114925.00	
10	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm			4170.00	11.66	48622.00	4170.00	48622.00	
11	Providing and laying bituminous concrete with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications. MORTH Specification No.509. using 100/120 TPH capacity HMP with sensor paver Gr-II (30 to 45mm) with 6% VG-30 Bitumen	Cum			187.65	7083.98	1329309.00	187.65	1329309.00	
12	Disposal of debristo the final place of desposal with all lead an lift and as direction by the engineer in charges of the work. Lead 15kms a) Basic rate for haulage of matrials as per item no.17.4/ KSRRB:- M100-4.1 ... Rs 2.00 tonne/ km b) Average earth of work 1.28 tonne/km for Rs.2.00/km c) add loading and unloading	Cum			1340.30	85.65	114797.00	1340.30	114797.00	
	Sub Total					4501002.00	**4501053.00**	4501002.00	**4501053.00**	
	KRIDL Charges @ 11%					495110.20	**495116.00**	495110.00	**495116.00**	
	Total					4996112.00	**4996169.00**	4996112.00	**4996169.00**	

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

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